Clean Copy of All Pending Claims

1   (1. (Amended) A method of creating a graphical human-machine interface, comprising
2   the steps of:
3   (a) providing a computer using a first operating system;
4   (b) providing a portable computing device in communication with the computer,
5   the portable computing device using a second operating system that is less
6   capable than the first operating system;
7   (c) generating on the computer a software object that provides a graphical
8   human-machine interface when operating on the portable computing device;
9   and
10   (d) transferring the software object from the computer to the portable computing
11   device.

1   2. (Amended) The method of claim 1 further comprising, after step (c), the step of
2   simulating on the computer the operation of the software object on the portable
3   computing device.

1   3. (Amended) The method of claim 1 further comprising the steps of:
2   (e) operating the software object to provide the graphical human-machine
3   interface on the portable computing device; and
4   (f) transmitting information between the computer and the portable computing
5   device.

1   4. (Amended) The method of claim 1 wherein the graphical human-machine interface is
2   adapted to control at least one process parameter.

1   5. (Amended) The method of claim 1 wherein step (c) comprises generating on the
2   computer the software object which is processor-independent; and wherein step (c)

3   further comprises providing a run-time engine specific to a selected processor present

4   on the portable computing device.

1   6. The method of claim 1 wherein the second operating system is Windows CE.

1   7. The method of claim 1 wherein the portable computing device is a handheld portable

2   computing device.

1   8. (Amended) A computer program recorded on a machine-readable medium,

2   comprising:

3   (a)   a module that operates on a computer to allow a user of the computer to

4   generate a software object that provides a graphical human-machine interface

5   when operating on a portable computing device, the computer using a first

6   operating system and the portable computing device using a second operating

7   system having less capability than the first operating system;

8   (b)   a module that operates on the computer to simulate the operation of the

9   software object on the portable computing device; and

10   (c)   a module that operates on the computer to transfer the software object

11   from the computer to the portable computing device.

1   9. The computer program of claim 8, further comprising:

2   a module that operates on the computer to transfer, between the computer and the

3   portable computing device, information related to the operation of the human-

4   machine interface.

1   10. The computer program of claim 8 wherein the graphical human-machine interface

2   comprises a graphical human-machine interface for process control.

1   11. (Amended) The computer program of claim 8 wherein the software object comprises

2   a processor-independent graphical human-machine interface object and a run-time

3   engine specific to a selected processor.

1   12. The computer program of claim 8 wherein the second operating system is Windows

2   CE.

1   13. The computer program of claim 8 wherein the portable computing device is a

2   handheld portable computing device.

1   14. (Amended) A method of controlling a process, comprising the steps of:

2   (a) providing a computer using a first operating system;

3   (b) providing a portable computing device in communication with the computer, the

4   portable computing device using a second operating system that is less capable

5   than the first operating system;

6   (c) providing a software object that provides a graphical human-machine interface

7   when operating on the portable computing device, the software object generated

8   on the computer;

9   (d) operating the software object on the portable computing device to provide the

10   graphical human-machine interface on the portable computing device; and

11   (e) exchanging information between the computer and the portable computing device,

12   so as to control at least one parameter of a process.

1   15. (Amended) The method of claim 14 wherein step (d) comprises operating the

2   software object on the portable computing device to display both graphical

3   information and alphanumeric information.

1   16. The method of claim 14 wherein the second operating system is Windows CE.

1   17. The method of claim 14 wherein the portable computing device is a handheld portable

2   computing device.